AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows:

On page 3, please amend paragraph [008] to read as follows:

To achieve these and other advantages, and in accordance with the purpose of the invention, as embodied and broadly described herein, the invention comprises an external infusion device, *e.g.*, a portable insulin pump, having a casing with multiple compartments, each compartment housing components of the device and being hermetically sealed from the other compartments to define multiple housings joined together. Surrounded by an outer wall, the casing includes a first or reservoir housing enclosing a drive mechanism and a refillable or replaceable liquid reservoir, *e.g.*, an insulin reservoir or the like. The casing further includes a second or electronics and mechanical housing, enclosing pump components and electronics for controlling the pump and the drive mechanism to dispense the liquid from the liquid reservoir according to a selected pattern. The casing further includes a ~~fourth~~ third or battery housing, enclosing a battery or batteries.

On pages 6-7, paragraph [027] please change to read as follows:

In accordance with the invention, an external wall 24 surrounds a plurality of housings, discussed below, for enclosing various components of the external infusion device, respectively the housings being separated by a series of internal walls 26 into separate housings that are hermetically sealed and substantially isolated from one another, the hermetically-sealed housings being joined together. As embodied herein, and referring to Figs. 1 and 9, a first or "reservoir" housing 30 is defined by internal walls 26 within the external wall 24. Reservoir housing 30 is configured to hold a refillable, or

alternatively replaceable, liquid reservoir 32. Reservoir 32 includes a generally cylindrical storage portion 33, terminating in a reduced-diameter tip ~~133~~ 37, the storage portion 33 being configured to hold medicinal liquid, *e.g.,* insulin. Reservoir 32 also includes a linear-moving plunger 34. Storage portion 33 and plunger 34 cooperate to define a syringe structure, as is well-known in the art. Preferably, reservoir housing 30 includes an opening, closed by a screw-on cap 35, mounted in external wall 24, to give the user of the device access to reservoir compartment 30 in order to refill or replace the reservoir 32 as necessary. It is further preferred that a sealing o-ring 36 be provided to form a seal between the reservoir 32 and the walls of reservoir housing 30. It is also preferred that screw-on cap 35 can be configured with a port 37, to allow flow of the liquid, *e.g.*, the insulin, out of the reservoir 32 and, via a cannula (not shown), to the user.

On pages 7-8, paragraph [029] please change to read as follows:

In accordance with the invention, and as embodied herein, referring to Fig. 1, a second or electronics and mechanical housing 40 is provided within external wall 24. Electronics and mechanical housing 40 encloses a pump mechanism 41, which as broadly embodied herein, includes a motor 142, preferably a brushless dc motor, a planetary gear box 143, and a speed-reducing gear train 144, for transmitting power from the motor ~~42~~ 142 to the base of the lead screw 38. A seal 42 is provided in aperture 39, which with the lead screw 38, seals the aperture 39 from water leakage, while still allowing passage through the aperture 39 of the lead screw 38. Seal 42 preferably is a rotational ball seal, which opposes passage of water through the aperture 39, while reducing friction acting on lead screw 38. Electronics and

mechanical housing 40 further encloses an electronics package 43, including, *e.g.*, a controller, a memory, a transmitter/receiver for transmitting and receiving wireless data and control signals to and from an external control source, and associated electronics for interacting with a keypad and a display (not shown) on external wall 24. The pump mechanism 41, the lead screw 38 and the plunger 34 function together to dispense the liquid from the reservoir 32 to the user according to a selected pattern. For example, in the case where the external infusion device 20 is an insulin pump, and the reservoir 32 contains liquid insulin, electronics package 43 may be programmed with one or more basal patterns governing delivery of insulin to the user in accordance with, *e.g.*, the user's measured blood glucose level, the user's ingestion of food, the user's level of exercise, and so on, as is well known in the field of diabetes treatment. These basal patterns can be programmed into the controller in the electronics package 43 either locally, or from the external control source. As embodied herein, the electronics and mechanical housing 40 is not accessible by the user.

Pages 10-11, paragraph [037], please change to read as follows:

Moreover, as embodied herein, if the battery housing 50, and/or the reservoir housing 30 were to inadvertently fill with liquid because of (a) the mechanical failure of one or both o-rings 36 or 56; (b) the user's failure to secure one or both housing doors ~~34~~ 35 or 54; or (c) failure of the hydrophobic membrane 64 in primary vent 60 or primary vent 62, the hydrophobic membrane(s) 64 in secondary vent or vents 66 plus the seal ~~41~~ 42 in lead screw aperture 39 will isolate the liquid to the flooded compartment 30 or 50, as the case may be, and will prevent the liquid from entering the electronics and

mechanical housing 40, thereby protecting the motor of pump 41, and the sensitive electronics package 43 in the electronics and mechanical housing 40.

Page 11, paragraph [039], please change to read as follows:

It is likewise preferable that once a suitable WEP is selected, the hydrophobic membrane is selected from among those providing the highest available air flow rate, in order to achieve, along with the desired water resistance, the ability to equalize pressure across the membrane as rapidly as possible~~, preferably within seconds~~.